

## EAST Search History

| Ref # | Hits | Search Query                     | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|----------------------------------|---|------------------|---------|------------------|
| S16   | 3    | "thiolated chitosan"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/29 16:36 |
| S22   | 0    | "09/830986"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/29 16:37 |
| S23   | 239  | thiolated same polymer           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/29 16:38 |
| S9    | 5    | mucoadhesive with thiol          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/29 16:38 |
| S24   | 14   | S23 and mucoadhesive             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/29 16:40 |
| S25   | 18   | "5064495"                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/29 16:45 |
| S28   | 175  | S26 and thiol                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/29 16:46 |
| S30   | 87   | thiol with adhesive with polymer | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/29 17:10 |
| S21   | 1    | "BERNKOP-SCHNURCH".IN.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/29 17:11 |

## EAST Search History

|     |      |  |   |     |     |                  |
|-----|------|--|---|-----|-----|------------------|
| S33 | 1    | S30 and (Chitosan or "sodium alginate" or pectin)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/29 17:16 |
| S2  | 1422 | mucoadhesive   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 14:33 |
| L1  | 18   | "5064495"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 14:33 |
| S31 | 24   | S30 and (Chitosan or acrylic or "divinyl glycol" or "carboxymethylcellulose" or "sodium alginate" or hydroxypropylcellulose or hyaluronic or pectin) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 14:34 |
| L4  | 5    | L3 and (Chitosan or acrylic or "divinyl glycol" or "carboxymethylcellulose" or "sodium alginate" or hydroxypropylcellulose or hyaluronic or pectin)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 14:39 |
| L3  | 7    | "6,514,535"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 14:39 |
| L2  | 10   | L1 and (Chitosan or acrylic or "divinyl glycol" or "carboxymethylcellulose" or "sodium alginate" or hydroxypropylcellulose or hyaluronic or pectin)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 14:39 |
| S26 | 2496 | 424/486.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 16:05 |
| L5  | 2964 | 424/486.ccls. or 424/486.icls. or 424/486.fs.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 16:05 |
| S32 | 2    | S30 and (Chitosan or "sodium alginate" or hyaluronic or pectin)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 16:06 |

## EAST Search History

|     |     |  |   |     |     |                  |
|-----|-----|--|---|-----|-----|------------------|
| S29 | 40  | S26 and (thiol with polymer)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 16:06 |
| S27 | 6   | S26 and thiolated  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 16:06 |
| L7  | 44  | I5 and (thiol with polymer)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 16:06 |
| L6  | 7   | I5 and thiolated   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 16:06 |
| L9  | 26  | I7 and (Chitosan or "sodium alginate" or hyaluronic or pectin) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 16:07 |
| L8  | 985 | I5 and (Chitosan or "sodium alginate" or hyaluronic or pectin) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | OFF | 2007/10/30 16:07 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L10   | 4508 | 514/54.ccls. or 514/54.icls. or 514/54.fs.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/30 16:14 |
| L13   | 20   | l11 and l12   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/30 16:16 |
| L12   | 33   | l10 and (thiol with polymer)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/30 16:16 |
| L11   | 1939 | l10 and (Chitosan or "sodium alginate" or hyaluronic or pectin) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | OFF     | 2007/10/30 16:16 |